Express Mail Label No. 23. Other items or information:

| c 22 | 2 (| 04 02:19p Mark & Joelle Fair | 717.235.0190 p.1 | | | | | | | | | | | |
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| .1 | | DT03 Rec' | 'd PCT/PTO 2 2 DEC 2004 | | | | | | | | | | | |
| FORM VREV. | 4 PTO-13 . 07-2004 | 1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE 34) | ATTORNEY'S DOCKET NUMBER | | | | | | | | | | | |
| | | FRANSMITTAL LETTER TO THE UNITED STATES | WRAS-1-PCT | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| _ | DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | | | | | | | | | | | | |
| INTE | ERNAT | TIONAL APPLICATION NO. INTERNATIONAL FILING DATE | PRIORITY DATE CLAIMED 28 June 2002 | | | | | | | | | | | |
| TITL' | _ | PCT/GB2003/002775 30 JUNE 2003 INVENTION | 78 700- | | | | | | | | | | | |
| | | -STAGE PARTICLE-SIZE ANALUSER | | | | | | | | | | | | |
| | | NT(S) FOR DO/EO/US | | | | | | | | | | | | |
| | | IS Z. GORBUNOV | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Appli | icant ! | t herewith submits to the United States Designated/Elected Office (DO/EO/US) the | the following items and other information: | | | | | | | | | | | |
| 1. | Ø | | | | | | | | | | | | | |
| 2. | | | | | | | | | | | | | | |
| 3. | Ø | This is an express request to begin national examination procedures (35 U.S.C | C. 371(ft). The submission must include items (5), | | | | | | | | | | | |
| 4. | ⊠ | (0), (7) and (24) indicated below. | | | | | | | | | | | | |
| 4. 5. | ⊠ ⊠ | Carrier Carrier Carrier | | | | | | | | | | | | |
| | - | a. \(\infty\) is attached hereto (required only if not communicated by the Internal | | | | | | | | | | | | |
| i | | b. \(\text{ is attached nereto (required only if not communicated by the International Bureau.} \) | ational Bureau). | | | | | | | | | | | |
| ŀ | | c. \square is not required, as the application was filed in the United States Rece | - PORTE | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | |
| I | - | a. is attached hereto. | J.S.C. 3/1(c)(2)). | | | | | | | | | | | |
| • | | b. has been previously submitted under 35 U.S.C. 154(d)(4). | · | | | | | | | | | | | |
| 7. | Ø | Amendments to the claims of the International Application under PCT Article | • 19735 H.S.C. 371 (e)(3)) | | | | | | | | | | | |
| v | | a. are attached hereto (required only if not communicated by the Internal | | | | | | | | | | | | |
| i | | b. have been communicated by the International Bureau. | | | | | | | | | | | | |
| ł | | c. have not been made; however, the time limit for making such amendr | lments has NOT expired. | | | | | | | | | | | |
| ł | | d. 🖾 have not been made and will not be made. | • | | | | | | | | | | | |
| 8. | | An English language translation of the amendments to the claims under PCT A | Article 19 (35 U.S.C. 371(c)(3)). | | | | | | | | | | | |
| 9.5 | Ø | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). | | | | | | | | | | | | |
| 10. | | An English language translation of the annexes to the International Preliminary Article 36 (35 U.S.C. 371 (c)(5)). | | | | | | | | | | | | |
| 11. | | A copy of the International Preliminary Examination Report (PCT/IPEA/409). | <i>.</i> | | | | | | | | | | | |
| 12. | Ø | A copy of the International Search Report (PCT/ISA/210). | | | | | | | | | | | | |
| | _ | 13 to 23 below concern document(s) or information included: | | | | | | | | | | | | |
| 13. | | An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | | | | | | | | | | |
| | ™ | An assignment document for recording. A separate cover sheet in compliance | with 37 CFR 3.28 and 3.31 is included. | | | | | | | | | | | |
| | ⊠ ⊠ | A SECOND or SUPSECULENT and in a second seco | | | | | | | | | | | | |
| | | A SECOND or SUBSEQUENT preliminary amendment. A substitute specification | | | | | | | | | | | | |
| | | A substitute specification. A power of attorney and/or change of address letter | | | | | | | | | | | | |
| | _ | A computer readable form of the sequence listing in accordance with DCC D. I. | | | | | | | | | | | | |
| | | A computer-readable form of the sequence listing in accordance with PCT Rule A second copy of the published International Application under 35 U.S.C. 1540 | e 13ter.2 and 37 CFR 1.821 - 1.825. | | | | | | | | | | | |
| | | A second copy of the English language translation of the International Application | | | | | | | | | | | | |
| | | | tion under 35 U.S.C. 134(a)(4). | | | | | | | | | | | |
| | | Express Mail Label No. ER 280739969 US Other items or information: | | | | | | | | | | | | |

| | | | | | | | | | | ATTORNEY'S DOCKET NUMBER | |
|---|---|---------------------|---|---------------------------------|---|--------------|------------|--------------|--|--------------------------|----------------|
| 17V 519 340 PCT/GB2003/002775 | | | | | | | WRAS-1-PCT | | | | |
| 24. The following fees are submitted:. | | | | | | | | | CALCULATIONS PTO USE ONLY | | |
| BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO | | | | | | | | | | | |
| Ø | | | | | | | | | | | |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO | | | | | | | | | | | |
| | International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) | | | | | | | | | | |
| ☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) | | | | | | | | <u> </u> | | r | |
| | | | | | ATE BASIC I | | | | | \$930.00 | |
| month | s from | \$130.0 the car | 0 for furnishing the liest claimed priorit | y date (37 CF | R 1.492(e)). | 20 | , | □ 30 | | \$0.00 | |
| — | AIMS | | NUMBER | | NUMBER E | XTRA | | RATE | <u> </u> | | |
| Total | | | 21 | - 20 = | 1 | | x \$18.00 | | | \$18.00 | L |
| | ndent o | | Claims (check if a | - 3 = | 0 | | x \$88.00 | | | \$0.00 | |
| wunn | не Бер | endent | | | ABOVE CAI | CIII AT | TON | | | \$0.00 \$948.00 | |
| | pplicar | nt clair | ns small entity statu | | | | | <u> </u> | | 3740.00 | |
| 1/ | educed | by 1/2 | | | | | | | | \$0.00 | |
| <u> </u> | | | | | | SUB | | | ļ | \$948.00 | |
| Proces | sing fe | e of \$1 the ear | 30.00 for furnishing liest claimed priorit | g the English ty date (37 CF | ranslation later than R 1.492(f)). | 20 | 0 | □ 30 + | | \$0.00 | |
| | | | | | TOTAL NA | TIONAL | FE | E = | | \$948.00 | |
| Fee for | r record panied | ing the | e enclosed assignme appropriate cover sl | ent (37 CFR 1 leet (37 CFR 2 | .21(h)). The assign 3.28, 3.31) (check | ment must b | ю е). | | | \$0.00 | |
| | TOTAL FEES ENCLOSED = | | | | | | | | | \$948.00 | |
| | | | | | | | | | | unt to be: efunded | \$ |
| | | | | | | | | | | charged | \$ |
| a. | × | A ch | eck in the amount o | f \$948. | 00 to cover th | e above fees | s is en | rlosed | <u></u> | | |
| b. | | | se charge my Depos | | | | | | | to cover t | he above fees. |
| C. | X | The l | Director is hereby a posit Account No. | uthorized to cl 50-0765 | harge any additiona | I fees which | may t | oe required, | or cre | dit any overpa | yment |
| d. | | | | | | | | | | | |
| NOTE | : Whe | re an s | appropriate time li it be filed and gran | mit under 37 | CFR 1.494 or 1.49 | 5 has not b | 00 m | et a netitic | .n. to w | | |
| | | | | | the international | Application | ı to pe | naing stati | us. | | |
| SEND ALL CORRESPONDENCE TO: | | | | | | | | Id Sheer | | | |
| SIGNATURE | | | | | | | | top: | | | |
| | RONALD B. | | | | | | | | SHEI | RER | |
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DT09 Rec'd PCT/PTO 2 2 DEC 2004 Case WRAS-1-PCT

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Applicant: GORBUNOV et l For: Two-Stage

For: PARTICLE-SIZE ANALYSER

Serial No.: PCT/GB 2003/002775 Group Art Unit: UNKNOWN

Examiner: UNKNOWN

Date of Deposit: 22 Dicember 2004

"Express Mail" Mailing Label Number:

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA. 22313-1450.

Ronald B. Sherer

(name of person mailing paper or fee)